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 11036 U.S. PTO  
 ASSISTANT COMMISSIONER FOR PATENTS  
 PATENT APPLICATION  
 Washington, D.C. 20231

DOCKET NO. YOR920010396US1  
 Date: April 30, 2001

11036 U.S. PTO  
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under Rule 1.53(b)

Transmitted herewith for filing is the Patent Application/of:

Inventors: MENACHEM LEVANONI, JEROME M. KURTZBERG

**ASSIGNEE NAME: International Business Machines Corporation**

**ASSIGNEE RESIDENCE: Armonk, New York**

For: DATA MINING TECHNIQUES FOR ENHANCING DEPARTMENT STORE SPACE  
 MANAGEMENT

Enclosed are:

☒ 4 Informal Drawing Sheets.

☐ An assignment of the invention to International Business Machines Corporation, Armonk, New York 10504.

☐ A certified copy of a \_\_\_\_\_ application.

☒ Declaration and Power of Attorney is attached to the application.  
 (unsigned)

☐ Associate Power of Attorney.

☐ Information Disclosure Statement with form PTO-1449 with references attached.

The filing fee has been calculated as shown below:

	(Col. 1)	(Col. 2)
FOR:	NO. FILED	NO. EXTRA
BASIC FEE		
TOTAL CLAIMS	10 - 20 =	0
INDEP CLAIMS	3 - 3 =	0
____ MULTIPLE DEPENDENT CLAIM PRESENTED		

If the difference in Col. 1 is less than zero, enter "0" in Col. 2.

OTHER THAN A  
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RATE	FEE
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☒ Any additional filing fees required under 37 CFR 1.16.

☒ Any patent application processing fees under 35 CFR 1.17.

Respectfully submitted,

By Stephen C. Kaufman  
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 Date of Deposit: Apr. 30, 2001

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Menachem Levanoni, et al.

Serial No.:

Group No.

Filed: Herewith

Examiner:

For: DATA MINING TECHNIQUES FOR ENHANCING DEPARTMENT STORE  
SPACE MANAGEMENT

Assistant Commissioner of Patents and Trademarks  
Washington, D.C. 20231

**EXPRESS MAIL CERTIFICATE**

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I hereby certify that the attached paper or fee

Acknowledgement Postcard

Patent Application Transmittal Letter (original and one copy)

Patent Application

Unsigned Declaration and Power of Attorney

Informal Drawings (4 Sheets)

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Assistant Commissioner of Patents and Trademarks, Washington, D.C. 20231.

Kathy Cognatello

(Name)

Kathy Cognatello

Signature

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